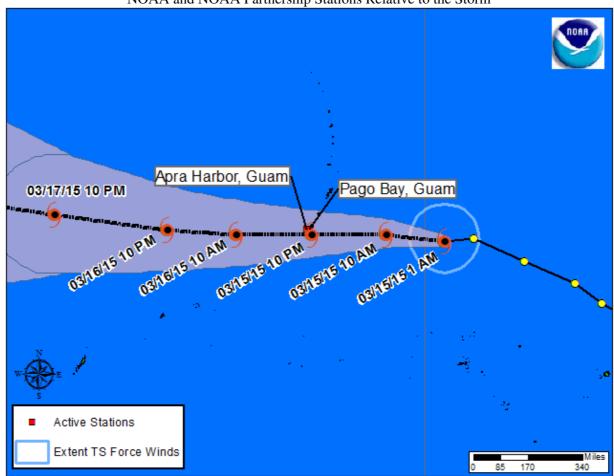


NOAA and NOAA Partnership Stations Relative to the Storm



### Storm Analysis

### SPECIAL QUICKLOOK ADVISORY: WILL BE UPDATED EVERY 12 HOURS

As of 3/15/2015 03:00 ChST, water levels along the east and west coast of Guam are slightly elevated and are about 0.3 feet above tidal predictions. Winds are fairly weak at Pago Bay but are rising at Apra Harbor where they are reaching 25 knots with gusts over 30 kts. Barometric pressure, which normally shows a diurnal cycle, is slowly falling.

Water Level and Meteorological plots available below are updated automatically. A line denoting <u>Mean Higher High Water</u> (MHHW) is displayed to provide an approximate indication of when flooding inundation may occur.

For additional data, please see the <u>Center for Operational Oceanographic Products & Services</u> website. For more information or archived products and reports, please see the <u>Storm QuickLook</u> Homepage.

Analyst: PFF
SELECT NWS GUAM ADVISORY INFORMATION:
BULLETIN
TROPICAL STORM BAVI (03W) ADVISORY NUMBER 13
NATIONAL WEATHER SERVICE TIYAN GU WP032015
115 AM CHST SUN MAR 15 2015
TROPICAL STORM BAVI TURNING SLIGHTLY WEST
WATCHES AND WARNINGS
A TROPICAL STORM WARNING REMAINS IN EFFECT FOR ROTATINIAN AND SAIPAN. TROPICAL STORM FORCE WINDS OF 39 MPH OR GREATER ARE EXPECTED FROM SUNDAY AFTERNOON THROUGH EARLY MONDAY MORNING.
A TYPHOON WATCH REMAINS IN EFFECT FOR GUAMROTATINIAN AND SAIPAN.
SUMMARY OF 100 AM CHST1500 UTCINFORMATION
LOCATION12.9N 150.9E
ABOUT 380 MILES NORTH OF CHUUK
ABOUT 380 MILES EAST-SOUTHEAST OF SAIPAN
ABOUT 385 MILES EAST-SOUTHEAST OF TINIAN
ABOUT 390 MILES EAST OF ROTA
ABOUT 415 MILES EAST OF GUAM
MAXIMUM SUSTAINED WINDS60 MPH
PRESENT MOVEMENTWEST275 DEGREES AT 16 MPH
DISCUSSION AND OUTLOOK

AT 100 AM CHST...1500 UTC...THE CENTER OF TROPICAL STORM BAVI WAS LOCATED NEAR LATITUDE 12.9 NORTH AND LONGITUDE 150.9 EAST. BAVI IS MOVING WEST AT 16 MPH. THIS MOTION IS EXPECTED TO CONTINUE THROUGH AT LEAST MONDAY ON A TRACK THAT WILL TAKE THE CENTER NEAR GUAM LATE SUNDAY EVENING.

MAXIMUM SUSTAINED WINDS REMAIN NEAR 60 MPH. SATELLITE-DERIVED WINDS INDICATE THAT TROPICAL STORM FORCE WINDS EXTEND OUT TO 160 MILES NORTHWEST THROUGH NORTHEAST OF THE CENTER AND 90 MILES ELSEWHERE. BAVI IS EXPECTED TO INTENSIFY SLIGHTLY TODAY THROUGH MONDAY MORNING.

NEXT	ADVISOR'	V
NEAL	7D V 13U1X	

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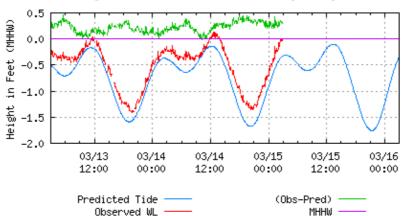
AN INTERMEDIATE ADVISORY AT WILL BE ISSUED BY THE NATIONAL WEATHER SERVICE AT 500 AM...FOLLOWED BY THE NEXT SCHEDULED ADVISORY AT 8 AM.

#### **MIDDLEBROOKE**

For the purpose of timely release, data contained within this QuickLook have undergone a "limited" NOS Quality Assurance/Control; however, the data have not yet undergone final verification. All data subject to NOS verification.

Jump to: <u>Pago Bay, Guam - Water Level, Pago Bay, Guam - Winds, Pago Bay, Guam - Barometric, Apra Harbor, Guam - Water Level, Apra Harbor, Guam - Winds, Apra Harbor, Guam - Barometric</u>

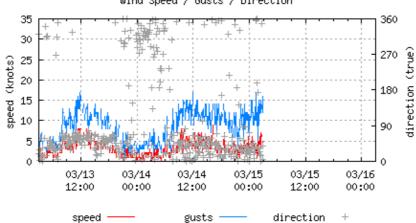
# NOAA/NOS/CO-OPS 1631428 Pago Bay, Guam Preliminary Water Level, relative to Mean Higher High Water(MHHW)



Last Observed Sample: 03/15/2015 02:54 (ChST). Data relative to MHHW Observed: -0.01 ft. Predicted: -0.33 ft. Residual: 0.32 ft.

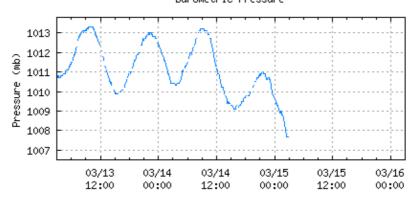
Historical Maximum Water Level: Oct 20 2004, 2.40 ft. Next High Tide: 03/15/2015 03:34 (ChST), -0.31 ft.

# NOAA/NOS/CO-OPS 1631428 Pago Bay, Guam Wind Speed / Gusts / Direction



Last Observed Sample: 03/15/2015 02:54 (ChST) Wind Speed: 5 knots Gusts: 16 knots Direction: 38° T

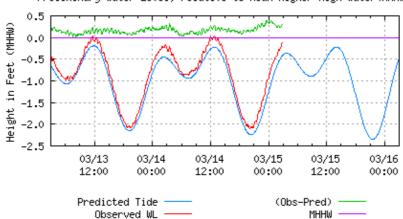
#### NOAA/NOS/CO-OPS <u>1631428 Pago Bay, Guam</u> Barometric Pressure



barometric pressure ——

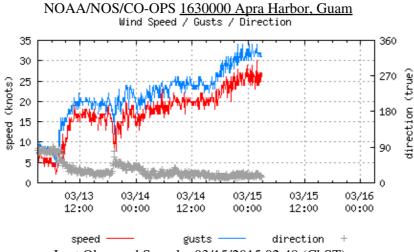
Last Observed Sample: 03/15/2015 02:54 (ChST)
Barometric Pressure: 1007.7 mb

# NOAA/NOS/CO-OPS <u>1630000 Apra Harbor, Guam</u> Preliminary Water Level, relative to Mean Higher High Water(MHHW)

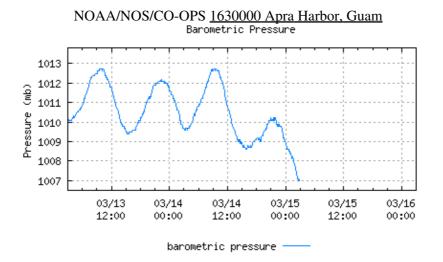


Last Observed Sample: 03/15/2015 02:48 (ChST). Data relative to MHHW Observed: -0.13 ft. Predicted: -0.43 ft. Residual: 0.30 ft. Historical Maximum Water Level: Aug 28 1992, 1.95 ft.

Next High Tide: 03/15/2015 03:45 (ChST), -0.36 ft.



Last Observed Sample: 03/15/2015 02:48 (ChST) Wind Speed: 27 knots Gusts: 31 knots Direction: 14° T



Last Observed Sample: 03/15/2015 02:48 (ChST)
Barometric Pressure: 1007.0 mb

### Latest Water Level Observations on MHHW

Station ID	Station Name	Date/Time	Observed Water Level	Predicted Tide	Residual Water Level	24 Hour Maximum Storm Tide
1631428	Pago Bay, Guam	03/15/2015 02:54 (ChST)	-0.01 ft	-0.33 ft	0.32 ft	0.13 ft
1630000	Apra Harbor, Guam	03/15/2015 02:48 (ChST)	-0.13 ft	-0.43 ft	0.30 ft	0.04 ft

Center for Operational Oceanographic Products & Services (CO-OPS) | National Ocean Service (NOS) National Oceanic and Atmospheric Administration | U.S. Department of Commerce